



# HF Happenings

No 499

April 2012

On the road between Verkykerskop and Harrismith, K641ow

South African Radio League \* Suid-Afrikaanse Radioliga

Member Society of the International Amateur Radio Union since 1925

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Why not give QRP contesting a try during the next couple of weekends?

## *SARL 80 m QSO Party and RaDAR Contests*

The first leg of the SARL 80 m QSO Party will be run on Thursday evening 5 April from 17:00 to 20:00 UTC. It is a phone only contest using the segments 3 603 to 3650 and 3700 to 3800 kHz. The exchange is your call sign, a RS report and your name.

The first leg of the Rapid Deployment Amateur Radio or RaDAR Contest will be run on Saturday 7 April starting at 12:00 UTC and ending at 18:00 UTC. Activity is on all HF Contest bands, VHF and UHF using CW, SSB, AM, FM or any digital mode. The exchange is your call sign, your name, a RS(T) report, QTH and grid locator.

Find all the information on page 39 and 41 of the 2012 SARL Contest Manual and the RaDAR Facebook page.

## *SARL Hamnet 40 m Simulated Emergency Contest*

Al Akers, ZS2U, sent us the results of the 2012 SARL Hamnet 40 m Simulated Emergency Contest - with the comments that conditions were poor and that most contacts were made with nearby stations.

The winners in the following categories are as follows:

Stationery Mobile: Andy Cairns, ZS6ADY

Portable: Christo Kriek, ZR6LJK

Multi operator: no entries

Base Station, Francois Reyneke, ZS6FDX

Scores obtained are as follows:

Single operator stationery mobile

1<sup>st</sup> Andy Cairns, ZS6ADY, 672 points

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- 2<sup>nd</sup> John Kramer, ZS5J, 460 points  
3<sup>rd</sup> Nico Oelofse, ZS4N, 405 points

Single operator portable

- 1<sup>st</sup> Christo Kriek, ZR6LJK, 504 points  
2<sup>nd</sup> Al Akers, ZS2U, 468 points  
3<sup>rd</sup> Keith Liddle, ZS6AGF, 414 points  
4<sup>th</sup> Willie Taljaard, ZS6WBT, 280 points

Base Stations

- 1<sup>st</sup> Francois Reyneke, ZS6FDX, 1 170 points  
2<sup>nd</sup> Peet Pretorius, ZS4VP, 1 005 points  
3<sup>rd</sup> Pieter Jacobs, ZS6XT, 975 points  
4<sup>th</sup> Jo Snyders, ZS5PO, 840 points  
5<sup>th</sup> Pam Momberg, ZS6APT, 600 points  
6<sup>th</sup> Nigel Burgess, ZR6NGB, 428 points  
7<sup>th</sup> Derek Stuart, ZS2J, 152 points  
8<sup>th</sup> Theunis Potgieter, ZS2EC, 126 points  
9<sup>th</sup> Robbie Parkinson, ZS1RAP, 54 points

Congratulations to all the participants and thank you for your participation.

### *World Amateur Radio Day - April 18*

On 18 April 2012, radio amateurs will be celebrating World Amateur Radio Day, on the 87<sup>th</sup> Anniversary of the founding of the International Amateur Radio Union or IARU.

This year's theme for the World Amateur Radio Day is "Amateur Radio Satellites: Celebrating 50 Years in Space" in remembrance the launching of OSCAR 1 on 12 December 1961 and the launch of OSCAR 2 on 2 June 1962.

For this reason, there will be several special event stations from IARU's Member Societies active on different dates during April:

**6H6IARU** by the Federación Mexicana de Radio Experimentadores who has commissioned this operation to Grupo DXXE. This station will be active from 13 to 18 April in all modes and bands. QSL via LoTW and N7RO, direct or bureau. Daily logs uploads will be available in ClubLog.

**3G87IARU** by the Radio Club de Chile. This station will be active throughout the month of April. QSL via CE3AA.

**LZ1WARD** by the Bulgarian Federation of Radio Amateurs also will be active throughout the month of April. QSL via bureau.

**EL2RL** by the Liberia Radio Amateur Association will be active on 18 April 2011 on 10, 15, 17 and 20 metres. Direct QSL to EL2BA.

**HB9WARD** by Union Schweizerischer Kurzwellen-Amateure to be active also on 18 April 2011. This first time call sign will be on the air by HB9JOE and a group of radio amateurs from Bern. QSL via HB9JOE.

### *April 2012*

31 Mar to 7 Apr – Klein Karoo National Arts Festival, Oudtshoorn  
5 – SARL 80 m QSO Party  
5 to 9 – Splashy Fen Music Festival, Underberg; Sedgefield Slow Festival  
6 – Good Friday  
6 to 9 – Western Cape AWA Expo, Stanford; Two Oceans Marathon, Cape Town  
6 to 15 – The Rand Show, Johannesburg  
7 – Autumn RaDAR Contest  
9 – Family Day  
10 – Schools open  
14 – Autumn QRP Sprint  
18 – World Amateur Radio Day  
20 and 21 – Holyland Contest  
20 to 22 – SARL National Convention, Pinetown  
26 to 30 – Harley Davidson Africa Bike Week, Margate  
27 – Freedom Day; closing date May RAE  
27 and 28 – Graskop Blue Swallow festival, Graskop  
27 to 29 – Dirtopia Mountain Bike Festival, Tarentaalkraal  
27 to 30 – SA Cheese Festival, Stellenbosch  
28 and 29 – John Dory's Orange River Canoe Marathon, Hopetown  
29 – Summerveld Hike, Summerveld, KZN  
30 – School holiday

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**HF87WARD** by members of the SP-CFF (SPOCFF). This station will be active from 17 to 30 April to 30. QSL via eQSL.cc and WFF LogSerach. For those who want to send card direct, please send SASE to Polish Club Flora & Fauna, Suchacz, Wielmozy 5b, 82-340 Tolkmicko, Poland. They will even have an award for this operation.

### *Worked All Europe News*

Ric, DL2VFR, Chairman DX and HF-Contesting of the Deutsche ARC, informs that the Worked All Europe (WAE) committee has deleted Malyj Visotzkij (R1MV) as of 17 February 2012, from the WAE-list. The entity is now transferred to the list of "Deleted WAE". The WAE-list and the corresponding award rules will be corrected accordingly.

### *WUST Award*

(Attn: Number One DXCC Honour Holders!).

The new DX award is available and is being offered/sponsored by the Metro DX Club of SouthSuburban Chicago. The WUST (Worked all US Territories) is a significant and unique award, and it requires submitting only 16 QSL cards with a user-friendly application. Some of these 16 WUST territories can be heard regularly, but many appear on the list of the 25 most wanted countries and can only be worked during a DXpedition to that location. Do not let this scare you away, however, because you can qualify for the basic award by confirming only 14 of the 16 territories. Your remaining two can be confirmed later and endorsements are available that will signify that you have reached the ultimate goal.

The 16 WUST territories effective 1 January 2012 are KG4 - Guantanamo Bay, KH0 - Mariana Islands, KH1 - Baker and Howland Islands, KH2 - Guam, KH3 - Johnston Island, KH4 - Midway Island, KH5 - Palmyra and Jarvis Islands, KH5K - Kingman Reef, KH7K - Kure Island, KH8 - American Samoa, KH8S - Swains Island, KH9 - Wake Island, KP1 - Navassa Island, KP2 - US Virgin Islands, KP4 - Puerto Rico and KP5 - Desecheo Island. Confirmations can be on mixed bands and modes and there are no date restrictions. No, it is not as easy as you may have thought, but remember, this is a DX award. It is not a simple certificate acknowledging contact with a special event station or commemorating an occasion.

You can proudly display this distinctive certificate in your ham shack and show it to fellow hams acknowledging your efforts in the world of DX. Remember, only 14 QSL cards get you started on the road to WUST and not 340 that are required to make number 1 on the ARRL DXCC Honour Roll. If you do not want to take the chance of mailing 16 valuable QSL cards, photocopies of confirmations will be accepted. In addition, Logbook of the World confirmations is OK and must be verified by two licensed amateur radio operators. In addition, if you are "Number One" on the ARRL DXCC Honour Roll and your station call appears on the list dated August 2010 (or later) you will not be required to send any confirmations for the WUST award. Simply file an application along with 8 US dollars or four valid IRCs. Mail your submission to the Metro DX Club, 3810 N., Chamlin Drive, Morris, IL 60450.

Following the receipt of the original award for a minimum of 14 territories, endorsements for contact 15 and 16 are available for 3 U.S. dollars or 2 valid IRCs. For additional information, go online to [http://www.metrodxclub.com/wust\\_award.htm](http://www.metrodxclub.com/wust_award.htm). E-mail questions should be sent to [awards@metrodxclub.com](mailto:awards@metrodxclub.com). This award has been written up in "CQ", the K1BV Awards Directory at <http://www.dxawards.com/DXAwardDir/usa%204.htm> (listed under "T" for Territories), and "QRZ-DX".

### *ARRL Rookie Roundup's Third Year Includes New Categories*

Have **YOU** done anything to promote *Amateur Radio* this month?







With the Rookie Roundup beginning its third year of competition, 2012 brings some new changes in the event - including new entry categories. The first Rookie Roundup of 2012 will use SSB (phone) and will be held on Sunday 15 April from 18:00 - 23:59 UTC. All amateurs are welcome to participate, especially those in DX locations.

The focus of the RR remains those who are newly licensed - hams who received their very first license during the current year or the two previous calendar years (2012, 2011 or 2010). Those licensed before 2010 are encouraged to get on and work the Rookies. Alternatively, consider acting as an Elmer and coaching Rookies in their contest efforts without actually making QSOs - or performing logging or any other station functions.

### *African DX*

Swaziland, 3DA. Filip, ON4AEO, XYL Kath, ON7BK, Sid, ZS6AYC, XYL Adele, ZR6APT, Gert, ZS6GC, YL Elna, ZS6EB, Jose, ON4CJK, YL Steff, ON3AEO, Lucas, ZS6ACT, and Herman, ZS5LH, all members of the Fox Charlie DXpedition Team, will be active as 3DA0FC in SSB, RTTY and PSK on 80 - 10 m from 6 to 10 April. QSL via ON4CJK. Following frequencies were announced - SSB: 3 780, 7 063, 14 185, 18 136, 21 290, 24 930, 28 490 kHz; RTTY: 3 590, 7 040, 10 149, 14 084, 18 104, 21 084, 24 924, 28 084 kHz; PSK: 7 038, 14 072, 18 102, 21 072, 24 922, 28 122 kHz. See also their web site <http://3da0fc.tk>

### *African Islands*

Comoros, D6. Frabrizio, IW3SQY, released a few more details on the upcoming D64K DXpedition this past week. A team of European operators will be active as D64K from Comoros Islands (IOTA AF-007) in August 2012. Operators mentioned are Fabrizio, IW3SQY, Paolo, IV3DSH, Antonello, IT9YVO, Franco, IZ8GCE, Giorgio, IZ4AKS, Les, SP3DOI and Salvador C31CT / EA3QS. The team has already obtained all permissions and the license has been sent to the DXCC Desk. It was mentioned that now it is appropriate to maintain confidentiality about dates and locations for safety reasons given the delicate political situation on the island. The official D64K Web site will go online about a month before the DXpedition. Their license covers from 160 to 6 metres, so the guys will be active on all bands and modes, and they are even considering the possibility of working on 60 m and 6 m. The QSL Manager will be Paolo, IV3DSH.

More details will be forthcoming. Watch the following for updates <http://www.d64k.com> and <https://twitter.com/#!/D64K>

### *Special Event Stations*

United Kingdom. Commemorating the Titanic's 100<sup>th</sup> anniversary, special call sign GB100MGY will be active from Fort Perch Rock Marine Radio Museum in New Brighton, England (EU-005, WLOTA 1841) on 6 - 26 April 2012. They will be active on all HF bands and modes. They also have special permission to use the GB100MGY call sign on the 501 kHz to 504 kHz band from 12 April until 18 April and will be transmitting on 502 kHz CW and for those people without a 500 kHz band licence a cross band QSO on 3 566 kHz or 7 066 kHz as propagation conditions permits. QSL via M0BZZ, direct or Bureau. Further information at [www.gb100mgg-fortperchrock.co.uk/](http://www.gb100mgg-fortperchrock.co.uk/)

United Kingdom. The Southampton Amateur Radio Club (G3SOU and G8FAB) will be operating a Special Event Station GB1HMGY on the weekends of 6 to 8 and 13 to 15 April 2012 from Mayflower Park, Southampton, to mark the 100<sup>th</sup> anniversary of the loss of the RMS Titanic. QSL via the information on QRZ.com.

*Have YOU done anything to promote Amateur Radio this month?*





United Kingdom. Commemorating the Titanic Centenary, Lerwick Radio Club, Shetland Islands (EU-012, IOSA SH01, SCOTIA SI11, WLOTA 0867) will be active on the HF bands as GB2WG on 8 to 20 April 2012. This special call sign's suffix stands for native Shetlander Walter Gray, who was the officer-in-charge of Marconi station at Cape Race, Newfoundland, and in contact with the ship on 14 April 1912. QSL via MM5PSL.

United Kingdom. The sinking of White Star Line's RMS Titanic on 15 April 1912 sent shockwaves around the world and has touched our hearts ever since. To commemorate this tragic event, special event station GR100MGY will be activated between 10 - 15 April 2012. Some fifteen operators will man two 400 watt transmitters on the eight HF bands from 3.5 to 28 MHz, using directional antennas. Only CW will be used except on the open days, 14 - 15 April, when SSB will help the public to understand the operation. Activity on VHF is also planned. GR100MGY will be located at 0°37'18" West, 51°11'49" North, Locator IO91qe: Charterhouse, Hurtmore Road, Godalming, Surrey, GU7 2DX, England (EU-005, WLOTA 1841). QSL via G3SXW, direct or Bureau.

Northern Ireland. GI2012MGY, a special event station located at Hamilton Dock, Queens Road, in Belfast from onboard the SS Nomadic - Titanic's 'Little Sister'. To mark the Centenary of the sinking of the Titanic, City of Belfast Radio Amateur Society (GI2BX, ISWL member GI-21131), will be QRV on most HF bands, CW and SSB, from onboard 'the Nomadic' from 12 - 18 April 2012. The SS Nomadic is the only remaining historic link to the Titanic left afloat, and she is the last surviving White Star Line vessel in the world. Like Titanic herself she was built at the shipyards of Harland and Wolff in Belfast, Northern Ireland (EU-115, WLOTA 1439), and served as a tender to the Olympic and Titanic. QSL via the RSGB Bureau, LoTW, ISWL, or direct to GI4GOS. Information about the SS Nomadic can be found at: [www.nomadicbelfast.com/](http://www.nomadicbelfast.com/)

France. On 10 April 1912 the RMS Titanic (radio call sign MGY) called at port of Cherbourg during her ill-fated maiden journey. To commemorate that event, the Radio Club Nord Cotentin will be active as TM5MGY on 7 to 21 April 2012. QSL via F6KFW, direct or bureau.

France. Special call sign TM95BA will be active during the weekends between 7 April and 8 May 2012 to commemorate the 95<sup>th</sup> anniversary of the Battle of Arras during the First World War. QSL via F6IEO.

United Kingdom. Jack, G0FQN, will operate special event station GB50WVR, starting on Friday 10 February, and then throughout 2012 on various dates, to celebrate 50 years of the Keighley & Worth Valley Railway Preservation Society, WAB reference SE03. The next activation date will be 8 April 2012; it is also 145 years since the line opened to the public for the first time, in April 1867. This year is also Locomotive 957 (52044) 125<sup>th</sup> birthday, famous for starring as the Green Dragon in the film "the Railway Children". Station set up is Alinco DX70TH, 100 Watts and a homemade dipole. QSL via 2E1HQY direct, or via the RSGB Bureau and eQSL. Further information and updates will be available at [www.qrz.com/db/GB50WVR](http://www.qrz.com/db/GB50WVR)

Chile. The Radio Club de Chile is currently active as 3G87IARU until 30 April 2012 to celebrate the 87<sup>th</sup> anniversary of the International Amateur Radio Union (IARU) and World Amateur Radio Day on 18 April. QSL via CE3AA, direct or Bureau.





Mexico. On 18 April 2012, Grupo DXXE will celebrate the World Amateur Radio Day on the 87<sup>th</sup> Anniversary of the founding of the International Amateur Radio Union, IARU. This year's theme for the World Amateur Radio Day is "Amateur Radio Satellites: Celebrating 50 Years in Space" in remembrance of the launching of OSCAR 1 on 12 December 1961 and the launch of OSCAR 2 on 2 June 1962. For this reason Grupo DXXE will activate the special call sign 6H6IARU from 13 - 18 April 2012 on all bands from 160 to 6 metres and of course amateur radio satellites from different Grid Locators throughout Mexico. QSL via N7RO, direct and LoTW.

QSOs with this station are valid for the IARU Region 2 award [www.iaru-r2.org/new-iaru-r2-award/](http://www.iaru-r2.org/new-iaru-r2-award/), the various FMRE awards [www.fmre.org.mx/diplomas/DIPLOMAS.htm](http://www.fmre.org.mx/diplomas/DIPLOMAS.htm) and the DXXE award [www.dxxe.org/der6-eng.html](http://www.dxxe.org/der6-eng.html). Website [www.grz.com/db/6H6IARU](http://www.grz.com/db/6H6IARU)

### Contest Calendar

*This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 2 to 9 April 2012.*

#### RSGB 80 m Club Championship, CW

19:00 - 20:30 UTC 2 April

Mode: CW

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 9 April 2012

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2012/r80mcc.shtml>

#### ARS Spartan Sprint

01:00 - 03:00 UTC 3 April

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Skinny; Tubby

Max power: 5 watts

Exchange: RST, state, province or country and power

Work stations: Once per band

Submit logs by: 5 April 2012

E-mail logs to: [spartansprint@yahoo.com](mailto:spartansprint@yahoo.com)

Mail logs to: (none)

Find rules at:

[http://adventure-radio.org/wiki/index.php?title=Spartan\\_Sprint\\_Rules](http://adventure-radio.org/wiki/index.php?title=Spartan_Sprint_Rules)

#### SARL 80 m QSO Party

17:00 - 20:00 UTC 5 April

Mode: SSB

Bands: 80 m Only

Classes: Single Op

Exchange: RS, serial no and Grid Locator or QTH

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QSO Points: 10 points per QSO with South African station

15 points per QSO with non-South African station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 20 April 2012

E-mail logs to: [zs5lp@vodamail.co.za](mailto:zs5lp@vodamail.co.za)

Mail logs to: Durban ARC, 17 Brownlee Place, Bluff, Durban 4052, South Africa

Find rules at:

[http://www.sarl.org.za/public/contests/SARL\\_2012\\_Contest\\_Manual\\_issue\\_10.pdf](http://www.sarl.org.za/public/contests/SARL_2012_Contest_Manual_issue_10.pdf)

NCCC RTTY Sprint

01:30 - 02:00 UTC 6 April

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 8 April 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

NCCC Sprint

02:30 - 03:00 UTC 6 April

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 8 April 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

LZ Open 40 m Sprint Contest

04:00 - 08:00 UTC 7 April

Mode: CW

Bands: 40 m Only

Classes: Single Op - High, Low or QRP; Multi-Op; Straight Key; Lady Ops

Max power: QRP: 5 W

Exchange: 3-Digit serial no and 3-Digit serial no received from last QSO

Work stations: Once each 30 minutes

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 17 April 2012

E-mail logs to: [LZ1GL@yahoo.com](mailto:LZ1GL@yahoo.com)

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Mail logs to: (none)

Find rules at: <http://www.lzopen.com/lzocc40/indexF.htm>

#### PODXS 070 Club PSK 31 Flavours Contest

12:00 - 18:00 local 7 April

Mode: BPSK31, QPSK31, BPSK63, QPSK63, BPSK125

Bands: 20 m Only

Classes: QRP; Low; Medium

Max power: Medium: 100 watts; Low: 20 watts; QRP: 5 watts

Exchange: 070 members: state, province or country and member no; Non-members: state, province or country and name

Work stations: Once per PSK variant

QSO Points: 1 point per QSO

Multipliers: Each state, province and DXCC country once per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 April 2012

Post log summary at: <http://www.podxs070.com/31-flavors-entry>

Mail logs to: (none)

Find rules at: <http://www.podxs070.com/31-flavors>

#### QRP ARCI Spring QSO Party

12:00 UTC 7 April to 23:59 UTC 8 April

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: All Band; Single Band; High Bands; Low Bands

Max operating hours: 24

Exchange: RS, state, province or country and ARCI number or power

Work stations: Once per band

QSO Points: 5 points per QSO with ARCI member; 4 points per non-member QSO with different continent; 2 points per non-member QSO with same continent

Multipliers: States, once per band; VE Provinces, once per band; Countries, once per band

Power Mult:  $>5\text{ W} = \times 1$ ,  $1 - 5\text{ W} = \times 7$ ,  $250\text{ mW} - 1\text{ W} = \times 10$ ,  $55 - 250\text{ mW} = \times 15$ ,  $<55\text{ mW} = \times 20$

Score Calculation: Total score = total QSO points x (state mults and province mults and country mults) x power mult

Submit logs by: 23 April 2012

E-mail logs to: [contest@qrparci.org](mailto:contest@qrparci.org)

Mail logs to: ARCI Spring 2012 QSO Party, c/o Jim Rodenkirch, K9JWV, 762 Saint James Lane, Saint George, UT 84790, USA

Find rules at: <http://www.qrparci.org/content/view/8393/118/>

#### SP DX Contest

15:00 UTC 7 April to 15:00 UTC 8 April

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band Mixed - QRP, low or high; Single Op Three Band Mixed; Single Op All Band Phone - low or high; Single Op All Band CW - low or high; Single Op Single Band Phone; Single Op Single Band CW; Multi-Op All Band Mixed; SWL Mixed

Max power: HP:  $>100\text{ watts}$ ; LP: 100 watts; QRP: 5 watts

Exchange: SP: RS(T) and 1-character province; non-SP: RS(T) and serial no

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Work stations: Once per band per mode

QSO Points: SP: 3 points per QSO outside of Europe; SP: 1 point per QSO with non-SP Europe; non-SP: 3 points per QSO with SP

Multipliers: SP: Each DXCC country once per band regardless of mode; non-SP: Each SP province once per band regardless of mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 April 2012

E-mail logs to: [spdx-logs@pzk.org.pl](mailto:spdx-logs@pzk.org.pl)

Mail logs to: Polski Związek Krótkofalowców, SPDX Contest Committee, PO Box 320, 00-950 Warszawa, Poland

Find rules at: [http://www.spdxcontest.info/reg/reg\\_g.html](http://www.spdxcontest.info/reg/reg_g.html)

#### EA RTTY Contest

16:00 UTC 7 April to 16:00 UTC 8 April

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op

Exchange: EA: RST and province; non-EA: RST and serial no

Work stations: Once per band

QSO Points: 1 point per QSO on 20, 15 or 10 m with same continent; 2 points per QSO on 20, 15 or 10 m with different continent; 3 points per QSO on 40 or 80 m with same continent; 6 points per QSO on 40 or 80 m with different continent

Multipliers: Each EADX100 entity once per band; Each EA province once per band; Each USA, VE, JA or VK call area once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 28 April 2012

E-mail logs to: [rttycontest@ure.es](mailto:rttycontest@ure.es)

Mail logs to: (none)

Find rules at: <http://www.ure.es/contest/430-ea-rtty-contest.html>

### Next Week's Contests

NAQCC Straight Key/Bug Sprint, 00:30 - 02:30 UTC 11 April

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 11 April and 03:00 - 04:00 UTC 12 April

NAQCC-EU Monthly Sprint, 18:00 - 20:00 UTC 11 April

RSGB 80 m Club Championship, SSB, 19:00 - 20:30 UTC 11 April

NCCC Sprint Ladder, 02:30 - 03:00 UTC 13 April

Montana QSO Party, 00:00 UTC 14 April to 24:00 UTC 15 April

JIDX CW Contest, 07:00 UTC 14 April to 13:00 UTC 15 April

New Mexico QSO Party, 14:00 UTC 14 April to 02:00 UTC 15 April

EU Spring Sprint, CW, 16:00 - 19:59 UTC 14 April

Georgia QSO Party, 18:00 UTC 14 April to 03:59 UTC 15 April and 14:00 - 23:59 UTC 15 April

QCWA Spring QSO Party, 18:00 UTC 14 April to 18:00 UTC 15 April

Yuri Gagarin International DX Contest, 21:00 UTC 14 April to 21:00 UTC 15 April

International Vintage Contest HF, 07:00 - 10:00 UTC and 13:00 - 16:00 UTC 15 April

Hungarian Straight Key Contest, 15:00 - 17:00 UTC 15 April

ARRL Rookie Roundup, SSB, 18:00 - 23:59 UTC 15 April

Have **YOU** done anything to promote *Amateur Radio* this month?





## History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 2 April 2012.

2348 BC - Noah's ark grounded, Mount Ararat (calculated date)

648 BC - The earliest total solar eclipse chronicled by Greeks was observed (6 Apr)

1449 - The earliest English patent was granted to John of Utynam protection for introducing the making coloured glass to England. In what was probably the first grant by an instrument of letters patent, King Henry VI gave this exclusive privilege for a term of 20 years during which none of his subjects could use such arts without the consent of John. This was for the benefit of the King, who directed John of Utynam to create stained-glass windows for the King's new institutions: Eton College and King's College, Cambridge. John had recently returned to England from Flanders and brought back knowledge of other subjects, which the King wished John to teach his subjects, as well as tutoring some assistants in the skills of making coloured glass for the creation of his windows (2 Apr)

1842 - Hermann Carl Vogel, born 3 Apr 1842. German astronomer who discovered spectroscopic binaries (double-star systems that are too close for the individual stars to be discerned by any telescope but, through the analysis of their light, have been found to be two individual stars rapidly revolving around one another). He pioneered the study of light from distant stars, and introduced the use of photography in this field.

1845 - The first surviving daguerrotype photograph showing details of the sun was taken by French physicists Armand Fizeau and Léon Foucault. The 12 cm image had an exposure of 1/60 second, and showed the umbra/penumbra structure of several sunspots, as well as limb darkening (2 Apr)

1852 - Edward Sabine announced that the 11 year sunspot cycle was "absolutely identical" with the geomagnetic cycle. Later, using a larger dataset, Rudolf Wolf confirmed this fact (6 Apr)

1872 - Samuel Finley Breese Morse, died 2 Apr 1872 at age 81. He was an American artist and inventor who was famous for developing the Morse Code (1838) and independently perfecting an electric telegraph (1832 - 35).

1879 Milk is sold in glass bottles for first time (8 Apr)

1886 - German scientist, Dr. Carl Gassner, was issued a German patent (No 37 758) for the first "dry" cell, which used zinc as its primary ingredient. He encased the cell chemicals in a sealed zinc container (8 Apr)

1926 Second flight of a liquid-fuelled rocket by Robert Goddard (3 Apr)

1934 - A British patent application for the first cat's-eye road marker was recorded for inventor Percy Shaw (1889 - 1975), described as "Improvements relating to Blocks for Road Surface." These are the familiar reflectors, which mark the lines that are lit up at night by the lights of passing vehicles (3 Apr)

1935 - Scottish physicist, Sir Robert Watson-Watt was granted a patent for the RADAR - Radio Detection And Ranging (2 Apr)

1938 - Du Pont researcher Roy J. Plunkett and his technician Jack Rebok accidentally discovered the chemical compound polytetrafluoroethylene (PTFE), later marketed as Teflon (6 Apr)

1947 - The largest sunspot group recorded was observed on the sun's southern hemisphere. Its size was estimated at 18 billion square kilometres or an area of 6 100 millionths of the Sun's visible hemisphere (8 Apr)

1966 - Luna 10, the first spacecraft to orbit the moon entered lunar orbit, and completed its first orbit 3 hours later. It had been launched by the USSR from an Earth orbiting platform on 31 Mar 1966. The scientific instruments on board included a gamma-ray spectrometer, triaxial magnetometer, and a meteorite detector. Other instruments investigated the solar-plasma, in-

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frared emissions from the Moon, radiation conditions of the lunar environment and gravitational studies. *Luna 10* transmitted the *Internationale* during the 23<sup>rd</sup> Congress of the Communist Party of the Soviet Union. It was battery powered, operated for 460 lunar orbits and made 219 active data radio transmissions before discontinued on 30 May 1966 (3 Apr)

1972 First electric power plant fuelled by garbage begins operating

1973 - Inventor Martin Cooper placed the first portable phone call. The phone was 25,4 cm in height, 7,62 cm deep and 3,81 cm wide and weighed 850 grams (3 Apr)

1973 - Pioneer 11 was launched to Jupiter and Saturn (6 Apr)

1978 - Velcro, the hook-and-loop fastener, was released. Swiss engineer Georges de Mestral, who noticed how thistle burrs clung to his clothing during a hike in the mountains, developed it. Using a microscope, he discovered their natural hook-like shape (2 Apr)

1983 - The space shuttle Challenger roared into orbit on its maiden voyage. It was named after the British Naval research vessel HMS Challenger that sailed the Atlantic and Pacific oceans during the 1870's. (4 Apr)

2000 - NASA launched the 2001 Mars Odyssey spacecraft on a Delta 2 rocket. Stunning images were sent back by the rocket's TV cameras during its fiery ascent. Odyssey would travel 460 million kilometres before entering orbit around the red planet on 24 Oct 2001 (7 Apr)

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